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PTO/SB/05 (11-00)

U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 42390P12897

First Inventor Rajen Dias

Title BACKSIDE METALLIZATION ON SIDES OF MICROELECTRONIC DICE FOR EFFECTIVE THERMAL CONTACT WITH HEAT DISSIPATION DEVICES

Express Mail Label No. ET616077012US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 202311. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.3. ☒ Specification [Total Pages 21]
(preferred arrangement set forth below)
- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table,
or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 10]5. Oath or Declaration [Total Pages 6]
a. ☒ Newly executed (original or copy)
b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 18 completed)
i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b)
c. ☐ Unsigned6. ☐ Application Data Sheet. See 37 CFR 1.767. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

- a.
- ☐
- Computer Readable Form (CRF)
-
- b. Specification Sequence Listing on:
-
- i.
- ☐
- CD-ROM or CD-R (2 copies); or
-
- ii.
- ☐
- paper
-
- c.
- ☐
- Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

- 9.
- ☒
- Assignment Papers (cover sheet & document(s))
-
- 10.
- ☐
- 37 C.F.R. § 3.73(b) Statement
- ☒
- Power of Attorney
-
- (when there is an assignee)
-
- 11.
- ☐
- English Translation Document (if applicable)
-
- 12.
- ☐
- Information Disclosure Statement (IDS)/PTO-1449
- ☐
- Copies of IDS
-
- Citations
-
- 13.
- ☐
- Preliminary Amendment
-
- 14.
- ☒
- Return Receipt Postcard (MPEP 503)
-
- (Should be specifically itemized)
-
- 15.
- ☐
- Certified Copy of Priority Document(s)
-
- (if foreign priority is claimed)
-
- 16.
- ☐
- Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i).
-
- Applicant must attach form PTO/SB/35 or its equivalent.
-
- 17.
- ☒
- Other: CHECK FOR \$968.00
-
- CHECK FOR \$40.00

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: _____

Prior application Information: Examiner _____

Group/Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS☒ Customer Number of Bar Code Label

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PATENT TRADEMARK OFFICE

(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

Name

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State

Zip Code

Country

Telephone

Fax

Name (Print/Type)

Paul A. Mendonsa

Registration No. (Attorney/Agent)

42,879

Signature

Date

11/30/01

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**FEE TRANSMITTAL
for FY 2000**

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 1,008.00**Complete if Known**

Application Number	
Filing Date	November 30, 2001
First Named Inventor	Rajen Dias
Examiner Name	
Group/Art Unit	
Attorney Docket No.	42390P12897

METHOD OF PAYMENT (check one)

- 1.
- ☒
- The Commissioner is hereby authorized to credit any overpayments to:

Deposit Account Number 02-2666

Deposit Account Name Blakely, Sokoloff, Taylor & Zafman LLP

- ☒
- Charge Any Additional Fee(s) Required
-
- Under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20

☐ Applicant claims small entity status
See 37 CFR 1.27

- 2.
- ☒
- Payment Enclosed:**

☒ Check ☐ Credit card ☐ Money Order ☐ Other**FEE CALCULATION****BASIC FILING FEE**

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
101 740	201 370	Utility filing fee	740.00
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	

SUBTOTAL (1) (\$) 740.00**EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee from below	
28	20	8	X 18.00 = \$144.00
4	3	1	X 84.00 = \$84.00

Multiple Dependent

**or number previously paid, if greater, For Reissues, see below

Large Entity Fee Code	Small Entity Fee Code	Fee Description
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 260	204 140	Multiple Dependent claim, if not paid
109 84	209 42	**Reissue independent claims over original patent
110 18	210 9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 228.00**FEE CALCULATION (continued)****3. ADDITIONAL FEE****Large Entity Small Entity**

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
105 130		205 65		Surcharge - late filing fee or oath	
127 50		227 25		Surcharge - late provisional filing fee or cover sheet.	
139 130		139 130		Non-English specification	
147 2,520		147 2,520		For filing a request for reexamination	
112 920*		112 920*		*Requesting publication of SIR prior to Examiner action	
113 1,840*		113 1,840*		*Requesting publication of SIR after Examiner action	
115 110		215 55		Extension for response within first month	
116 400		216 200		Extension for response within second month	
117 920		217 460		Extension for response within third month	
118 1,440		218 720		Extension for response within fourth month	
128 1,960		228 980		Extension for response within fifth month	
119 310		219 155		Notice of Appeal	
120 310		220 155		Filing a brief in support of an appeal	
121 270		221 135		Request for oral hearing	
138 1,510		138 1,510		Petition to institute a public use proceeding	
140 110		240 55		Petition to revive - unavoidable	
141 1,240		241 620		Petition to revive - unintentional	
142 1,280		242 640		Utility issue fee (or reissue)	
143 460		243 230		Design issue fee	
144 620		244 310		Plant issue fee	
122 130		122 130		Petitions to the Commissioner	
123 130		123 130		Petitions related to provisional applications	
126 180		126 180		Submission of Information Disclosure Stmt	
581 40		581 40		Recording each patent assignment per property (times number of properties)	40.00
146 710		246 355		Filing a submission after final rejection (37 CFR § 1.129(a))	
149 710		249 355		For each additional invention to be examined (37 CFR § 1.129(b))	
179 740		279 370		Request for Continued Examination (RCE)	
169 900		900 900		Request for expedited examination of a design application	

Other fee (specify) _____

Other fee (specify) _____

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 40.00**SUBMITTED BY**

Name (Print/Type)

Paul A. Mendonsa

Registration No.
(Attorney/Agent)

42,879

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(503) 684-6200

Signature

Date

11/30/01

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2039.Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.
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